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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 10/761,904      | 01/20/2004  | Chou Hsuan Tsai      | 2011152             | 4230             |

7590 06/24/2005

PRO-TECHTOR INTERNATIONAL  
20775 Norada Court  
Saratoga, CA 95070-3018

EXAMINER

LE, THANH TAM T

|          |              |
|----------|--------------|
| ART UNIT | PAPER NUMBER |
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2839

DATE MAILED: 06/24/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

10/761,904

Applicant(s)

TSAI, CHOU HSUAN

Examiner

Thanh-Tam T. Le

Art Unit

2839

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 09 June 2005.  
2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.  
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-7 is/are pending in the application.  
4a) Of the above claim(s) 5 is/are withdrawn from consideration.  
5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.  
6) ☒ Claim(s) 1-4, 6 and 7 is/are rejected.  
7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.  
8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.  
10) ☒ The drawing(s) filed on 08 June 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some \* c) ☐ None of:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)  
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)  
3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_.  
4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_\_.  
5) ☐ Notice of Informal Patent Application (PTO-152)  
6) ☐ Other: \_\_\_\_\_.

### **DETAILED ACTION**

1. The election that filed 06/09/05 is acknowledged and claims 1-4 and 6-7 are examined.

### ***Claim Objections***

2. Claims 3 and 4 are objected to because of the following informalities:

Claim 3, "at least one row of terminals", what's different between this terminals and the terminals claimed in claim 1?

Claim 1 claimed the daughter base has one row of terminals and claim 4 claimed the daughter base has third and fourth rows of terminals, that means the daughter base has three kinds of terminals, but in figure 2 of the invention, just shows third and fourth terminals (40 and 45), that means just shows 2 kinds of terminals only.

Claim 4, line 6, "the rear end" lacks an antecedent basis.

Appropriate correction is required.

### ***Claim Rejections - 35 USC § 102***

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 1-4 and 6-7 are rejected under 35 U.S.C. 102(e) as being anticipated by Yen (6,612,492).

Yen, figure 6, discloses an electrical connector comprising:

- a bottom base (1 and 2) including a mother base (42) and at least one daughter base (2), wherein the mother base is formed with an opening (421), the at least one daughter base is contained in the opening, at least one row of terminals is arranged on the at least one daughter base, and each of the at least one row of terminals has an elastic contact and a pin;
- positioning structure formed on the base and the at least one daughter base to make the at least one daughter base vertically movable and to horizontally restrict the at least one daughter base in the opening of the mother base; and
- a top base (41 and 44) covering over the bottom base.

Regarding claim 2, the pins of the terminals protrude over a rear end of the at least one daughter base and the positioning structure comprising pivots (see a FIGURE A below) formed at two sides of the at least one daughter base and pivotal holes (see the FIGURE A below) formed on the mother base at positions corresponding to the pivots such that the rear end of the at least one daughter base may be moved vertically relative to the mother base.

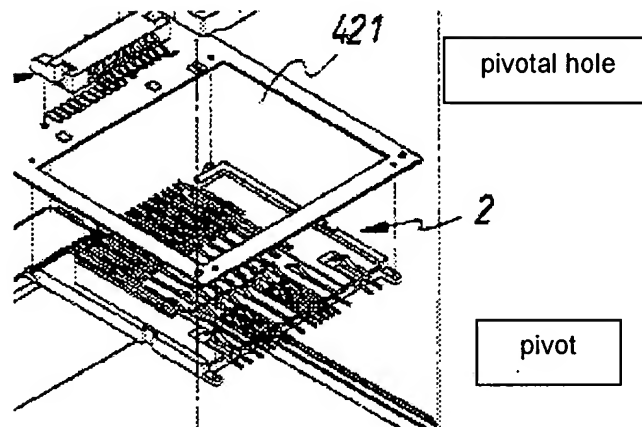
Regarding claim 3, wherein another row of terminals (terminals disposed in (1)), each having an elastic contact and a pin, is arranged on the mother base (figure 6).

Regarding claim 4, figure 6, discloses the mother base has one row of first terminals (terminals disposed in (43)), each of which has a pin protruding over a front end of the mother base, and one row of second terminals (terminals disposed in (1)), each of which has a pin protruding over a rear end of the mother base (since the applicant is not claimed a specific structure or location of the rear end of the mother base), and the at least one daughter base has one row of third terminals and one row of fourth terminals, each of which has a pin protruding over a rear end of the at least one daughter base.

Regarding claim 6, figures 6 and 7, discloses the top base (41 and 44) covers the bottom base to form a plurality of slots (411, 412 and 413) with different widths, and the plurality of slots share a space.

Regarding claim 7, wherein the pins of the terminals of the mother base and the at least one daughter base are horizontal.

**FIGURE A**



***Conclusion***

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thanh-Tam T. Le whose telephone number is 571-272-2094. The examiner can normally be reached on 7:30-5:00.
6. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, TC Patel can be reached on 571-272-2098. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Art Unit: 2839

7. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

A handwritten signature in black ink, appearing to be 'T. Le', with a horizontal line extending to the right and a longer horizontal line below it.

Thanh-Tam T. Le  
Primary Examiner  
Art Unit 2839

TL.  
06/19/05.